

Title (en)

GAS-INSULATED SWITCHPANEL OF A MEDIUM-VOLTAGE SWITCHGEAR ASSEMBLY

Title (de)

GASISOLIERTES SCHALTERFELD EINER MITTELSPANNUNGSSCHALTANLAGE

Title (fr)

TABEAU DE DISTRIBUTION À ISOLEMENT GAZEUX D'UN ÉQUIPEMENT DE COMMUTATION À MOYENNE TENSION

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Application

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Abstract (en)

[origin: CA2653677A1] In order to develop a gas-insulated switchpanel of a medium-voltage switchgear assembly with a busbar connection area (2) and a cable outlet area (3) with a manually actuatable switch arrangement (4, 5, 6) with a contact position, in which a conductive connection is formed from the busbar connection area (2) to the cable outlet area (3) via the switch arrangement (4, 5, 6) and a vacuum contactor (7), driven by a magnet, and a grounding position, in which the cable outlet area (3) and the vacuum contactor (7) are grounded by the switch arrangement (4, 5, 6), wherein the vacuum contactor (7) is provided for switching a current between the busbar connection area (2) and the cable outlet area (3) in the contact position of the switch arrangement (4, 5, 6), which switchpanel has a relatively high current-carrying capacity, the invention proposes that the switch arrangement (4, 5, 6) comprises a grounding switch (5) and an isolating switch (6), which are mechanically coupled to one another and can be actuated by means of a single drive, wherein, in the contact position, the isolating switch (6) forms the conductive connection and, in the grounding position, the grounding switch (5) connects the vacuum contactor (7) and the cable outlet area (3) with a grounding contact (15).</ SDOAB>

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